

Bühner & Keller, 7 key bassoon; Buhner & Keller2-O-Sigal

Complete Project Title: Buhner & Keller2-O-Sigal-Wg1-WOB-DNM

Gabriel Bühner (1756-1819) Strasbourg, Isaac Keller (1745-1802) Strasbourg

Bühner & Keller fl Strasbourg p1802-c1844

c.1815, Accession number 1999.15

Literature: Dullat, Günter. *Verzeichnis der Holz- und*

Metallblasinstrumentenmacher auf Deutschsprachigem Gebiet von 1500 bis Mitte des 20. Jahrhunderts, Scheider, 2010.

Jansen, Will. *The Bassoon: Its History, Construction, Makers, Players and Music*. Frits Knuf, 1978, Vol. 1, pp. 345, 346.

Pierre, Constant. *Les Facteurs D'Instruments de Musique:*

Les Luthiers et la Facture Instrumentale. Paris, 1893, p.326.

Rice, Albert. *Four Centuries of Musical Instruments*. 2015, p. 191.

Waterhouse, William. *The New Langwill Index*. Tony Bingham, 1993.

Young, Phillip. *4900 Historical Woodwind Instruments*.

Tony Bingham, 1993.

Location: Sigal Music Museum, Greenville, South Carolina, USA

Formally in the Sigal Collection, Boston, USA

Measured 14 Nov 2009, 4 Mar 2017

7 Keys: Ab (on small bore), Eb left thumb, F# key, 1 wing key

No; Swallowtail F key touch

No; Two-piece saddle on F key flap and touch

No; Two-hole boot joint system

No; Military bell

Yes; Bell crown; but made of ivory or plastic, not white see photos

No; Bell flare

No; Bell chamber

No; Tone hole on bell

Yes; Platform on long joint

Dated; No

Notes:

1. All keys in brass saddles

2. Wing joint finger holes at extreme angles

Standing Height; Bell, long joint, boot 126.5cm

Wing and boot 88.2cm

Stamps: found only on boot

Measurements not included on Data file

Ab tone hole [on small bore] 9.6mm diameter

358mm from boot socket

Drilled over to large bore

18.5mm length

Eb tone hole [on small bore]	9.4mm diameter 132mm from small long joint tenon 6.6mm length
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Undercutting on long joint	Yes, only in long joint
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Boot joint small socket depth	49.2mm
Boot joint large socket depth	49.5mm

Cronin Meas.	312mm
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Wing thickness across E [II] tone hole 45.0mm